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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/665,739

09/18/2003

Daniel J. Teff

328.7689USU

4691

7590

05/08/2006

Paul D. Greeley, Esq.
Ohlandt, Greeley, Ruggiero & Perie, L.L.P.
10th Floor
One Landmark Square
Stamford, CT 06901-2682

EXAMINER

MOORE, MARGARET G

ART UNIT

PAPER NUMBER

1712

DATE MAILED: 05/08/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/665,739

Applicant(s)

TEFF ET AL.

Examiner

Margaret G. Moore

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1712

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 28 April 2006.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1, 3 to 88 is/are pending in the application.
- 4a) Of the above claim(s) 38 to 88 is/are withdrawn from consideration.
- 5) ☒ Claim(s) 16 to 37 is/are allowed.
- 6) ☒ Claim(s) 1, 3 to 15 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- ☒ Notice of References Cited (PTO-892)
- ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____
- ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____
- ☐ Notice of Informal Patent Application (PTO-152)
- ☐ Other: _____

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1. This application contains claims 38 to 88 drawn to an invention nonelected with traverse. A complete reply to the final rejection must include cancellation of nonelected claims or other appropriate action (37 CFR 1.144) See MPEP § 821.01.

2. Applicants amendment has overcome the anticipation rejection of claims 1 to 15 for reasons noted in their response. However in view of this amendment the following new grounds for rejection are being made. As noted in the previous office action, claims 16 to 37 are allowed.

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. Claims 1 and 3 to 15 are rejected under 35 U.S.C. 103(a) as being unpatentable over Mayorga et al.

As noted previously this reference teaches stabilizing cyclic siloxanes by the addition of specific compounds. See for instance column 4, line 28, which teaches that a linear hydrosiloxane can be added to the cyclic siloxane as a polymerization inhibitor. In the claimed composition this meets the component a) as it embraces linear and cyclic siloxanes. See Examples 7 and 8 which anticipate the claimed component a). Note also column 4, lines 51 and on which teaches the addition of free radical scavengers. Particular attention is drawn to claim 4 which specifically adds a free radical scavenger within the formula b) to a cyclic siloxane/inhibitor mixture. Since patentees specifically show that the cyclic siloxane/inhibitor mixture can be a mixture of linear and cyclic hydrosiloxanes, the skilled artisan would have found the addition of a phenolic free radical scavenger to such a mixture obvious. In this manner the instant claims are rendered obvious.

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5. Claims 1 and 3 to 15 are rejected under 35 U.S.C. 103(a) as being unpatentable over Lagendijk in view of Mayorga et al.

Lagendijk teaches siloxanes used to form silicon dioxide films by chemical vapor deposition. This reference teaches that both cyclic and linear hydrosiloxanes can be used to form such films. See for instance column 2, line 64 and on, as well as column 8.

As noted supra, Mayorga et al. teach that the addition of free radical scavengers such as BHT are useful as stabilizers for hydrosiloxane compounds used to prepare silicon dioxide films formed by CVD.

Thus one having ordinary skill in the art would have been motivated by the teachings of Mayorga et al. to add free radical scavengers such as BHT to the composition of Lagendijk in an effort to obtain the known benefits and properties thereof. While Mayorga et al. add the scavengers to stabilize cyclic hydrosiloxanes one would have a reasonable expectation that the scavengers will stabilize linear hydrosiloxane as well, since it is the SiH groups that participate in the destabilization process. It is prima facie obvious to add a known ingredient to a known composition for its known function. In re Lindner 173 USPQ 356; In re Dial et al 140 USPQ 244.

6. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

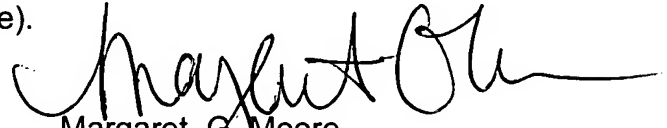
A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

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7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Margaret G. Moore whose telephone number is 571-272-1090. The examiner can normally be reached on Monday to Wednesday and Friday, 10am to 4pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Randy Gulakowski can be reached on (571) 272-1302. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



Margaret G. Moore
Primary Examiner
Art Unit 1712

mgm
5/3/06